## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 9 September 2005 (09.09.2005)

PCT

## (10) International Publication Number WO 2005/082834 A1

(51) International Patent Classification<sup>7</sup>: C07C 209/16, 209/18

(21) International Application Number:

PCT/US2005/003059

(22) International Filing Date: 1 February 2005 (01.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/545,197

17 February 2004 (17.02.2004) U

- (71) Applicant (for all designated States except US): EXXON-MOBIL RESEARCH AND ENGINEERING COM-PANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MALEZ, Andrzej [US/US]; 15314 Lockett Lane, Baton Rouge, LA 70810 (US). ELIA, Christine, Nicole [US/US]; 437 Garretson Road, Bridgewater, NJ 08807 (US). BISHOP, Adeana, Richelle [US/US]; 15422 Campanile Court, Baton Rouge, LA 70810 (US). MOZELESKI, Edmund, John [US/US]; 28 Hoffman Drive, Califon, NJ 07830 (US). SISKIN,

Michael [US/US]; 56 Shongum Road, Randolph, NJ 07869 (US).

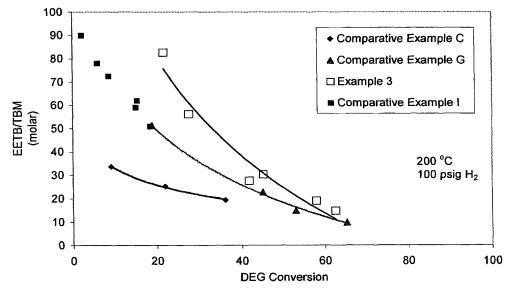
- (74) Agents: PURWIN, Paul, E. et al.; Exxonmobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

[Continued on next page]

(54) Title: CATALYTIC PREPARATION OF SEVERELY STERICALLY HINDERED AMINO-ETHER ALCOHOLS USING A METAL LOADED CATALYST



(57) Abstract: The present invention relates to a process for the production of severely sterically hindered amino-ether alcohols using a catalyst based on the combination of one or more catalytically active metals supported in a dispersed form on one or more ordered mesoporous materials as support.

## 

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.